

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013782.D
 Acq On : 24 Jan 2018 23:37
 Operator : SJ/JU
 Sample : J1223-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A73

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	25	28	33	rVB4	22189	34131	1.16%	0.104%
2	4.763	295	302	306	rBV2	37190	52432	1.78%	0.159%
3	6.781	638	645	657	rBV	390000	700669	23.83%	2.128%
4	6.939	666	672	681	rBV	314142	484496	16.48%	1.471%
5	7.134	698	705	714	rBV	429876	695233	23.64%	2.111%
6	7.592	777	783	792	rBV	571433	926212	31.50%	2.813%
7	8.304	898	904	915	rBV2	439154	759509	25.83%	2.306%
8	8.751	972	980	989	rBV	411832	700507	23.82%	2.127%
9	9.463	1096	1101	1113	rBV	324280	588613	20.02%	1.787%
10	10.004	1184	1193	1209	rBV	488416	881677	29.98%	2.677%
11	10.369	1247	1255	1261	rBV	761957	1250711	42.53%	3.798%
12	10.422	1261	1264	1271	rVB	66308	103977	3.54%	0.316%
13	10.522	1274	1281	1295	rBV	417751	809736	27.54%	2.459%
14	13.663	1810	1815	1820	rBV	940499	1315782	44.74%	3.996%
15	13.710	1820	1823	1832	rVB	248330	368595	12.53%	1.119%
16	13.939	1853	1862	1872	rVB	1042774	1554327	52.86%	4.720%
17	14.151	1893	1898	1904	rVB2	43567	61423	2.09%	0.187%
18	14.245	1908	1914	1923	rVV2	1034712	1583918	53.86%	4.810%
19	14.480	1948	1954	1968	rBV	251443	497818	16.93%	1.512%
20	15.110	2056	2061	2066	rVB3	56097	75983	2.58%	0.231%
21	15.245	2076	2084	2091	rBV	1301630	1851331	62.96%	5.622%
22	15.386	2101	2108	2118	rBV	294528	486377	16.54%	1.477%
23	15.492	2121	2126	2129	rBV5	17360	32912	1.12%	0.100%
24	15.974	2204	2208	2215	rBV3	57322	98902	3.36%	0.300%
25	16.657	2318	2324	2335	rBV2	470450	723311	24.60%	2.197%
26	16.768	2339	2343	2349	rVV3	37011	61082	2.08%	0.185%
27	16.998	2376	2382	2387	rBV2	1325061	1927941	65.56%	5.855%
28	17.039	2387	2389	2394	rVV	143426	196595	6.69%	0.597%
29	17.098	2394	2399	2411	rVB	1442214	2071994	70.46%	6.292%
30	17.415	2441	2453	2459	rBV4	27918	72317	2.46%	0.220%
31	17.903	2530	2536	2545	rBV3	147828	249563	8.49%	0.758%
32	18.203	2582	2587	2591	rVB6	22758	35397	1.20%	0.107%
33	18.439	2622	2627	2632	rBV7	24556	40586	1.38%	0.123%
34	18.950	2710	2714	2720	rBV2	33208	53247	1.81%	0.162%

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Title : SVOA CALIBRATION

35	19.068	2726	2734	2739	rBV	365111	517850	17.61%	1.573%
36	19.127	2740	2744	2749	rVB4	50520	72175	2.45%	0.219%
37	19.198	2749	2756	2760	rBV7	81105	133540	4.54%	0.406%
38	19.403	2785	2791	2800	rBV2	1913910	2940654	100.00%	8.930%
39	19.692	2836	2840	2843	rVB5	23687	35016	1.19%	0.106%
40	20.921	3045	3049	3056	rBV3	277231	368376	12.53%	1.119%
41	21.197	3091	3096	3101	rBV	1774032	2479279	84.31%	7.529%
42	23.256	3440	3446	3457	rVB2	1443626	2756472	93.74%	8.371%
43	23.391	3463	3469	3478	rVB	1215617	2279419	77.51%	6.922%

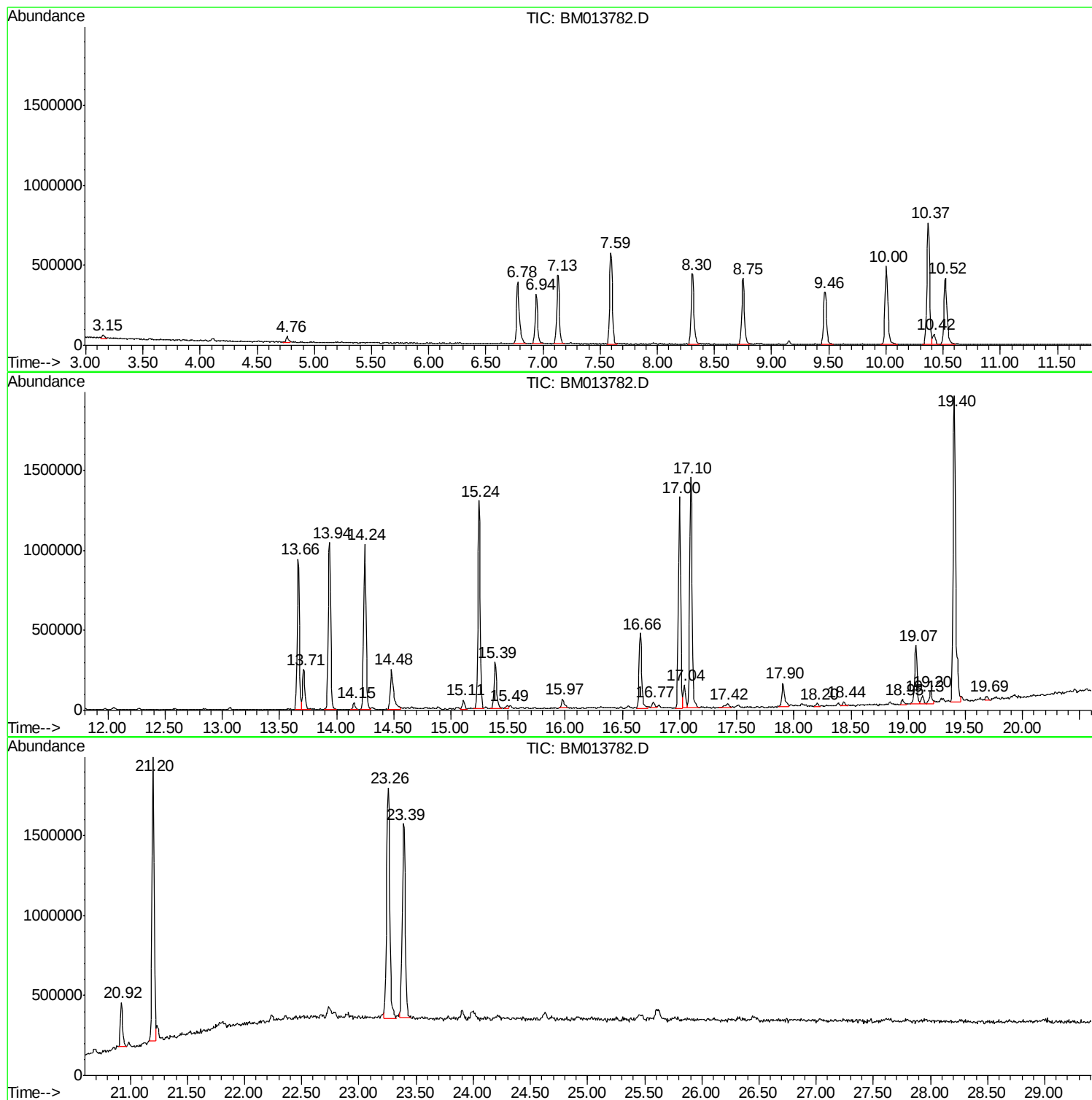
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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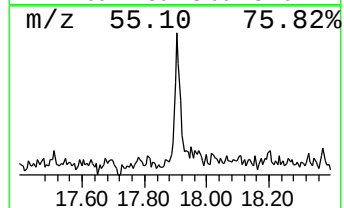
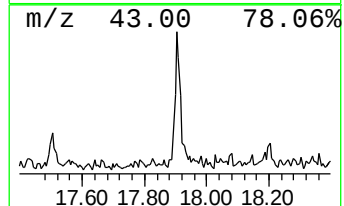
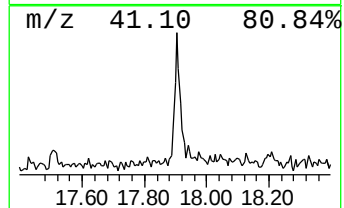
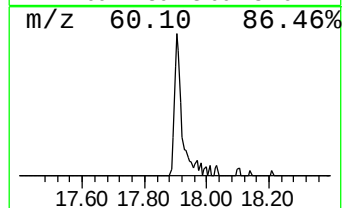
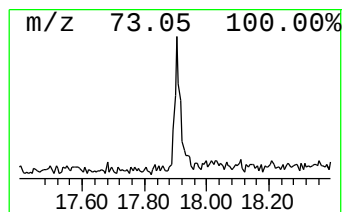
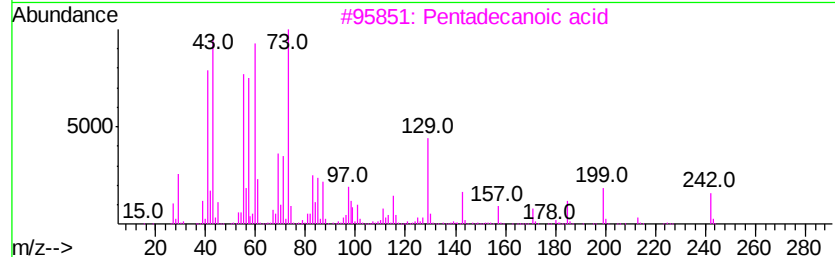
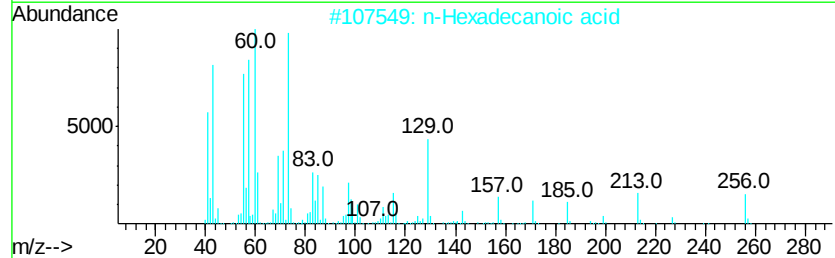
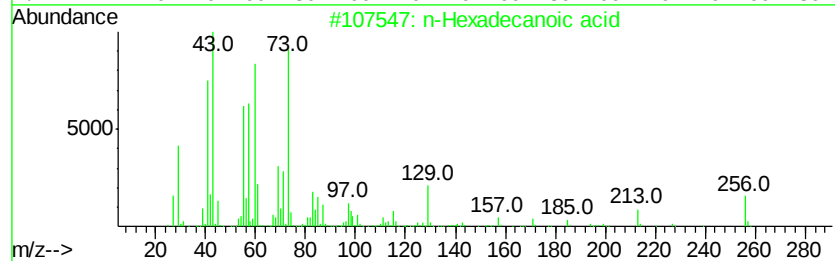
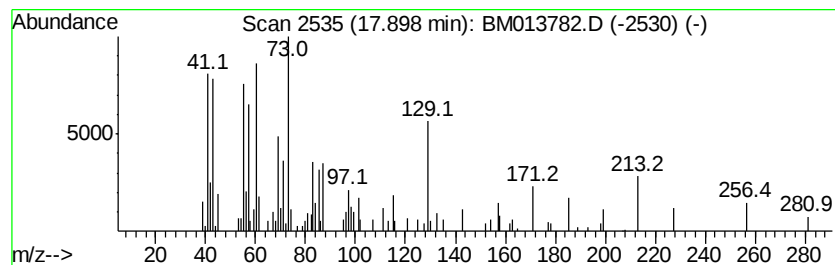
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	2.59 ng/ul	249563	Phenanthrene-d10		17.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49	



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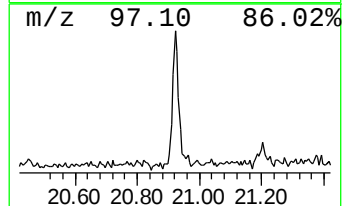
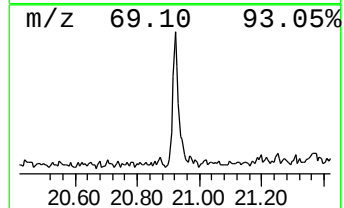
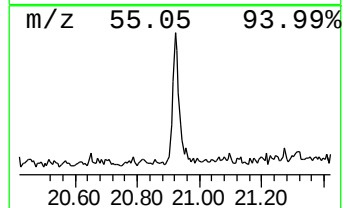
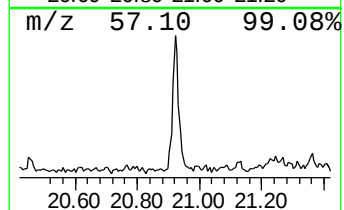
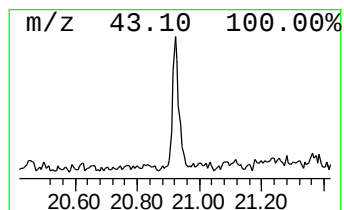
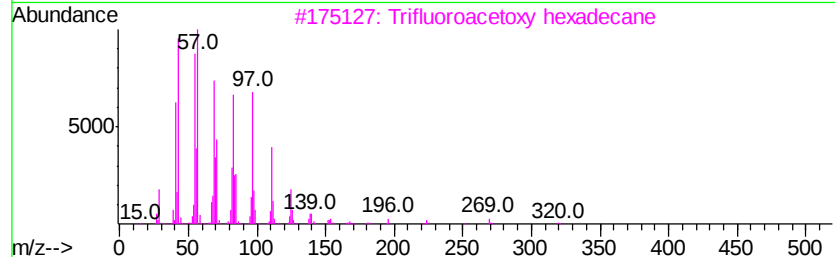
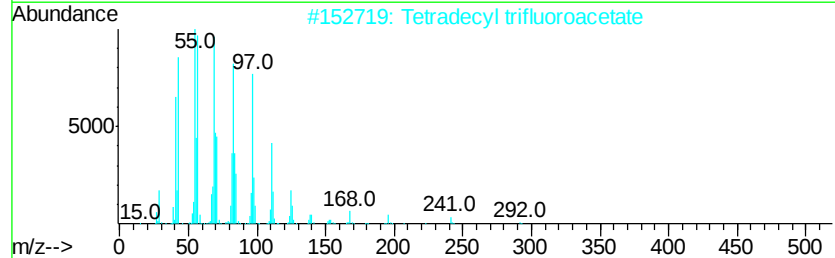
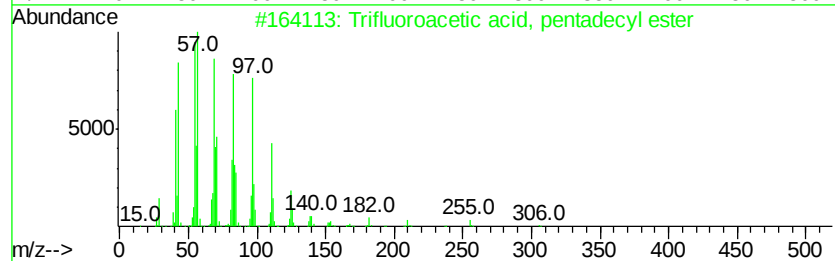
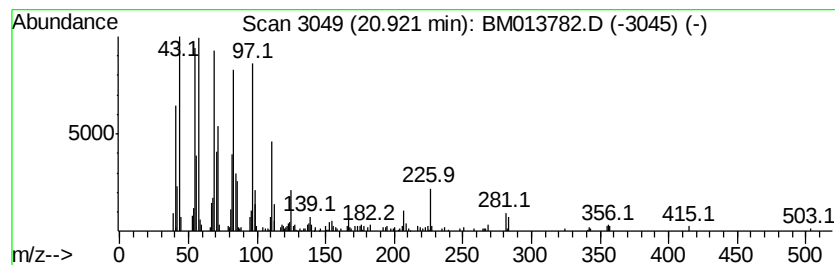
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Peak Number 2 Trifluoroacetic acid, penta... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.97 ng/ul	368376	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
2		Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	93
3		Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	2.6	ng/ul	249563	4	17.00	1927940	20.0
Trifluoroacetic a...	20.92	3.0	ng/ul	368376	5	21.20	2479280	20.0